

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1   9</div>	
2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">0002</div>		3. EFFECTIVE DATE <div style="text-align: center;">08-Aug-2002</div>		4. REQUISITION/PURCHASE REQ. NO. <div style="text-align: center;">W16ROE-2141-0901</div>		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN: CENAN-CT ROOM 1843 26 FEDERAL PLAZA (DACA51) NEW YORK NY 10278-0090		CODE <div style="text-align: center;">DACA51</div>		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center; font-weight: bold;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. <div style="text-align: center;">DACA51-02-R-0016</div>			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) <div style="text-align: center;">12-Jul-2002</div>			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) This solicitation is amended as follows:  <div style="text-align: center;">SEE ATTACHED CONTINUATION SHEET</div>							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED <div style="text-align: center;">08-Aug-2002</div>	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

**AMENDMENT 0002**

This amendment incorporates the following revisions/items:

1. **SECTION 01010, Page 77, Paragraph 1.30.4.** – Premises Distribution System (PDS), Add the following requirements to the existing paragraph:

“One hundred and twenty-five pairs of Category 3 voice backbone copper cables shall be used for the single communications room and the Communications Service Entrance (CSE) room. These voice backbone cables shall transition to site copper cables at the CSE room within a splice enclosure before they are routed to the existing phone switch in a separate building.”

2. **SECTION 00110, FACTOR 2 - PAST PERFORMANCE;** **INSERT** the following after the last paragraph of this subsection:

The “Past Performance Survey”, form and a completed copy of appropriate “Past Experience” form, shall be distributed by the Offeror to past clients or subcontractor clients, with instructions to the clients to complete the survey and return the surveys with a copy of Form A or B directly to the Corps of Engineers-New York District, Contracting Division, Attn: Mr. Ed Lew, via facsimile (212-264-3013) or mail, on or before the date proposals are due. This evaluation factor is separate and distinct from the Contracting Officer’s responsibility determination. The assessment of the Offeror’s past performance will be used as a means of evaluating the relative capability of the Offeror to successfully meet the requirements of this RFP.

3. Offeror’s are to submit Attachment A – Cost Analysis – Work Breakdown Structure along with their Price Schedule submission.

**Attachment A**

<p align="center"><b>Cost Analysis</b>  <b>Composite Medical</b>  <b>Facility, Thule AB , GL</b>  DACA51-02-R-0016</p>		
<b>Work Breakdown Structure</b>		<b>Amount</b>
Engineering & Design Services to include all fees for Shop Drawing Review, Request For Information, Commissioning of Mechanical Systems, Review Meetings, Start ups, As-Builts, etc.		

Site work, inclusive of utilities		
Sub-Structure		
Exterior Enclosure Including Pre-engineered Building & Super-Structure		
Roofing		
Interior Construction		
Interior Finishes		
Plumbing		
HVAC		
Fire Protection		
Electrical		
Communications		
Medical Equipment- Provide & Install		
Mobilization & Demobilization		
<b>Bond</b>		
<b>TOTAL (This cost represents the total Base bid)</b>		
Note: All line items include general contractors markup except for those noted separately		
<b>“Submit with your Price Schedule”</b>		

**4. Questions Recently Submitted & Responses (for information purposes only):**

1. Question: Is a steel and concrete modular building approach an acceptable alternative to the pre-engineered structure described in your specifications?

1. Response: The Government is open to proposals containing modular building systems which allow flexibility for future renovations and result in a plan identical in flow and nearly identical in room configuration and size. One modular system was studied, that was the CADOLTO system, which was deemed unacceptable because it did not allow internal planning flexibility within reasonable parameters and altered the room dimensions and geometry to a degree unacceptable to the USAF medical planning criteria.

There is also a concern with modular construction being able to achieve continuity of the building's vapor retarder and thermal envelope. Modular construction often uses connectors to assemble the modular components resulting in thermal bridges, cold walls, interior moisture problems and "leaky" construction. In addition to the requirement above for flexibility, modular construction will only be accepted if the manufacturer can demonstrate, in this RFP submittal, that their modular design and assembly avoids the problems stated in this paragraph.

2. Question: How does the government rate the importance of a greatly reduced schedule time in comparison to the other selection criterion?

2. Response: Currently the proposed schedule is a priority Factor 5 out of 5 factors. While the Government will always entertain shorter schedules, we are not going to change its priority rating.

3. Question: To complete the CMF by December 2003, is the government willing to work with the offeror to develop an accelerated design and review schedule?

3. Response: The Offeror shall submit his project schedule, it will be evaluated along with his proposed design submittal.

4. Question: Would the government entertain a proposal limited to design and construction, and award a separate contract for the site work? If so, would the government entertain a proposal that defines the scope of the site work which would seek to have a separate contract for the site work?

4. Response: The Government will not consider repackaging this project into two separate contracts. Any deviation from bidding and pricing this project as one contract may be deemed a non-responsive offer.

5. Question: Would the government entertain a proposal incorporating alternative design solutions necessary to implement our modular approach, provided that the solutions enhance or maintain the performance standards of the CMF while lowering the cost to government? These modifications include:

- Modify or replace the high gable roof so that the mechanical space can be reconfigured into a penthouse structure;
- Use of a steel frame structural system using WF beams and girders with tube steel columns in lieu of the prefabricated steel truss system described in the RFP.

5. Response: The Government is open to limited alternative design solutions, but maintaining the floor plan that was outlined in the RFP. The Government does not want to deviate from the design details concerning the exterior closure that is necessary for the arctic conditions. It will be unacceptable to have the mechanical space located in a penthouse-type area. With regard to changing the gable roof to another system, the design-builder is cautioned that wind-loads, contextual compatibility with neighboring buildings, compliance with the Thule Air Base Facilities Excellence Plan, consideration of snow-drift and ice build-up prone configurations, and insulation values have great bearing on this design issue. An alternate steel frame system may be acceptable in as much as it would not likely have a negative impact on the current plan nor future flexibility and insofar as the structural system considers the factors identified above.

6. Question: What restrictions, if any, would be encountered on module height, length, width or weight transporting modules from the port in Thule to the building site?

6. Response: Existing USAF equipment restrictions are as follows: max. length = 40 feet; max. width = 20 feet; max. height = 15 feet; max. weight = 25 metric tons. Anything bigger the contractor is responsible for his own hauling equipment but the max. height remains unchanged. The max. capacity of the ship off-loading crane is 40 metric tons.

7. Question: Would the government furnish the Autocad drawing files corresponding to the RFP drawings for use by proposers in developing the technical proposal?

7. Response: The Government will not furnish any AUTOCADD drawings to prospective offerors.

8. Question: Would the government furnish an electronic site map and topo map of the CMF site for use by proposers in developing the technical proposal?

8. Response: The Government will not be furnishing any other type of site mapping or topographic mapping.

9. Question: Section 52.236-1 requires that 20% of the work under this contract be performed on-site. In a modular design approach, most of the construction work is performed off-site. How is this percentage calculated and to what scope of work does it apply?

9. Response: The percentage is at the Contractor Officer's discretion and may be relaxed some. The 20% applied to the total conceptual construction method indicated in the RFP.

5. **SITE PHOTOS:** To view pictures of the project site and to get an idea of what Thule Air Base looks like, go to the following public web-site: [<ftp://ftp.crrel.usace.army.mil/pub/Thule/>](ftp://ftp.crrel.usace.army.mil/pub/Thule/)

Two slide show presentations with a total of 70 photos of the Composite Medical Facility (CMF) Site have been posted on that public web site.

Additional Directions: Type in the link above, your Internet browser should take you to the public ftp site. Once there, you will see a folder called [Thule CMF Site Photos](#).

The following instructions should help you to download and view the series of photos in this directory and it's two sub-directories.

1. Copy the entire directory [Thule CMF Site Photos](#), it's two sub-directories, and all the files in them to your computer. You can do it by selecting the directory (one click with your mouse). Then click the other button on your mouse (an opposite click) to get a pop up menu. Select [Copy to Folder](#) and copy all these directories and files (about 50 MB) to a suitable place on your computer.
2. In each sub-directory, open the pdf file and print a copy in color (it contains a plan view of the site and index of photos).
3. Then in each sub-directory, run the executable (.exe) file to see a slide show of the photos or you can view each photo individually using any viewer of your choice.

#### 6. **INFORMATION ON THE NON-FROST SUSCEPTIBLE FILL (GRAVEL SOURCE):**

A non-frost susceptible (NFS) gravel source was to be provided from a location at Thule known as the BMEWS site. Cold Regions Research & Engineering Lab was on site recently and brought back gravel samples for testing of the material. These are the results of the grain size analysis of those gravel samples:

Current Corps of Engineers frost-susceptibility criteria limits the amount of material finer than 0.02 mm to 3 percent. Our sample had 5.9% finer than 0.02 mm (see attached results and plot). According to this test, our potential non-frost susceptible (NFS) gravel source may have to be cleaned before it can be used at the project site. Thule dirt tends to cling to everything (even rocks). The sample taken had to be sieved and washed. The NFS on site will have to be cleaned. Most of the dirt can be removed by dropping the gravel off a very high object such as a conveyor belt in a strong wind. To get any additional dirt off, the gravel may have to be washed and sieved to get to the NFS fill.

**Thule Composite Sample  
July 2002**

**Description: Well-graded gravel with silt and sand**  
**USCS Classification: GW-GM**

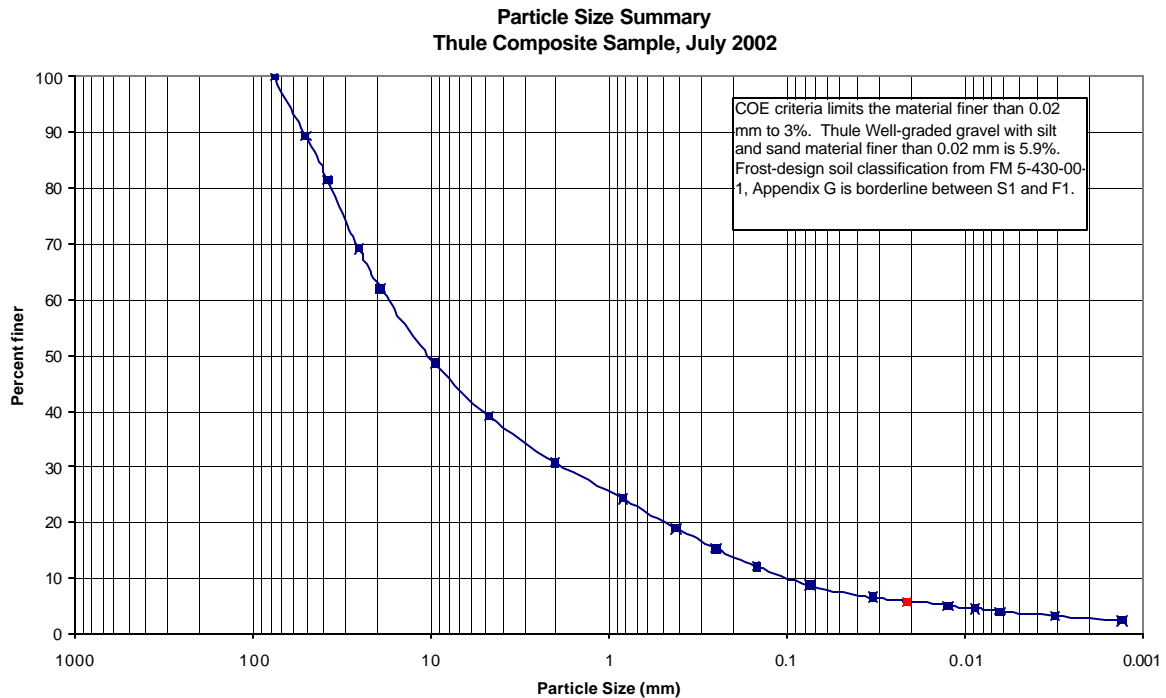
**AASHTO Classification: A-1-a**

Sieve Size	Sieve size, mm	% finer
3 inch	76.2	100
2 inch	50.8	89.5
1.5 inch	38.1	81.5
1 inch	25.4	69.1
3/4 inch	19.1	62
3/8 inch	9.52	48.5
#4	4.75	39.2
#10	2	30.8
#20	0.84	24.3
#40	0.42	19
#60	0.25	15.3
#100	0.149	12.1
#200	0.074	8.7
	0.0331	6.6
	0.0212	5.9
	0.0124	5.1
	0.0088	4.5
	0.0063	4.1
	0.0031	3.2
	0.0013	2.4

Current Corps of Engineers frost-susceptibility criteria limits the amount of material finer than 0.02 mm to 3%

**Coefficients:**

Cc 1.86  
Cu 171.69



**6. Revise FAR 52.228-1 from a text reference to full text.**

**7. To extend the proposal receipt date from 12 Aug 02 to 23 Aug 02 at 1500 hours local time.**

NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one of the following methods: in the space provided on the SF1442, by separate letter, or by telegram, or by signing block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR14.304).

#### SECTION 00010 - SOLICITATION CONTRACT FORM

The required response date/time has changed from 19-Aug-2002 12:00 PM to 23-Aug-2002 03:00 PM.

The number of offeror copies required has increased by 1 from 3 to 4.

#### SECTION 00700 - CONTRACT CLAUSES

The following have been modified:

##### 52.228-1 BID GUARANTEE (SEP 1996)

(a) Failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, may be cause for rejection of the bid.

(b) The bidder shall furnish a bid guarantee in the form of a firm commitment, e.g., bid bond supported by good and sufficient surety or sureties acceptable to the Government, postal money order, certified check, cashier's check,



irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States. The Contracting Officer will return bid guarantees, other than bid bonds, (1) to unsuccessful bidders as soon as practicable after the opening of bids, and (2) to the successful bidder upon execution of contractual documents and bonds (including any necessary coinsurance or reinsurance agreements), as required by the bid as accepted.

(c) The amount of the bid guarantee shall be 20% percent of the bid price or \$\_\_\_\_\_, whichever is less.

(d) If the successful bidder, upon acceptance of its bid by the Government within the period specified for acceptance, fails to execute all contractual documents or furnish executed bond(s) within 10 days after receipt of the forms by the bidder, the Contracting Officer may terminate the contract for default.

(e) In the event the contract is terminated for default, the bidder is liable for any cost of acquiring the work that exceeds the amount of its bid, and the bid guarantee is available to offset the difference.

(End of Summary of Changes)